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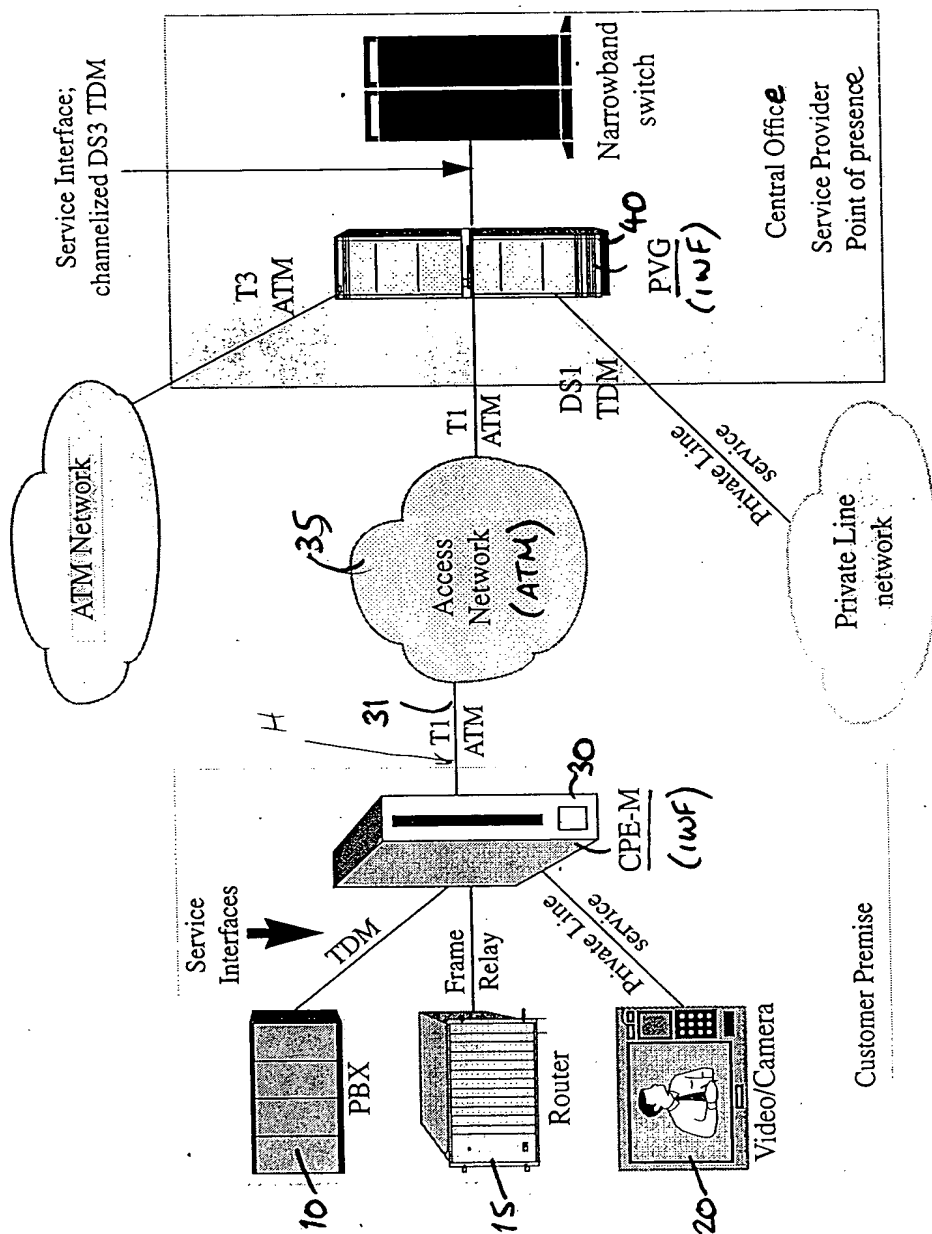
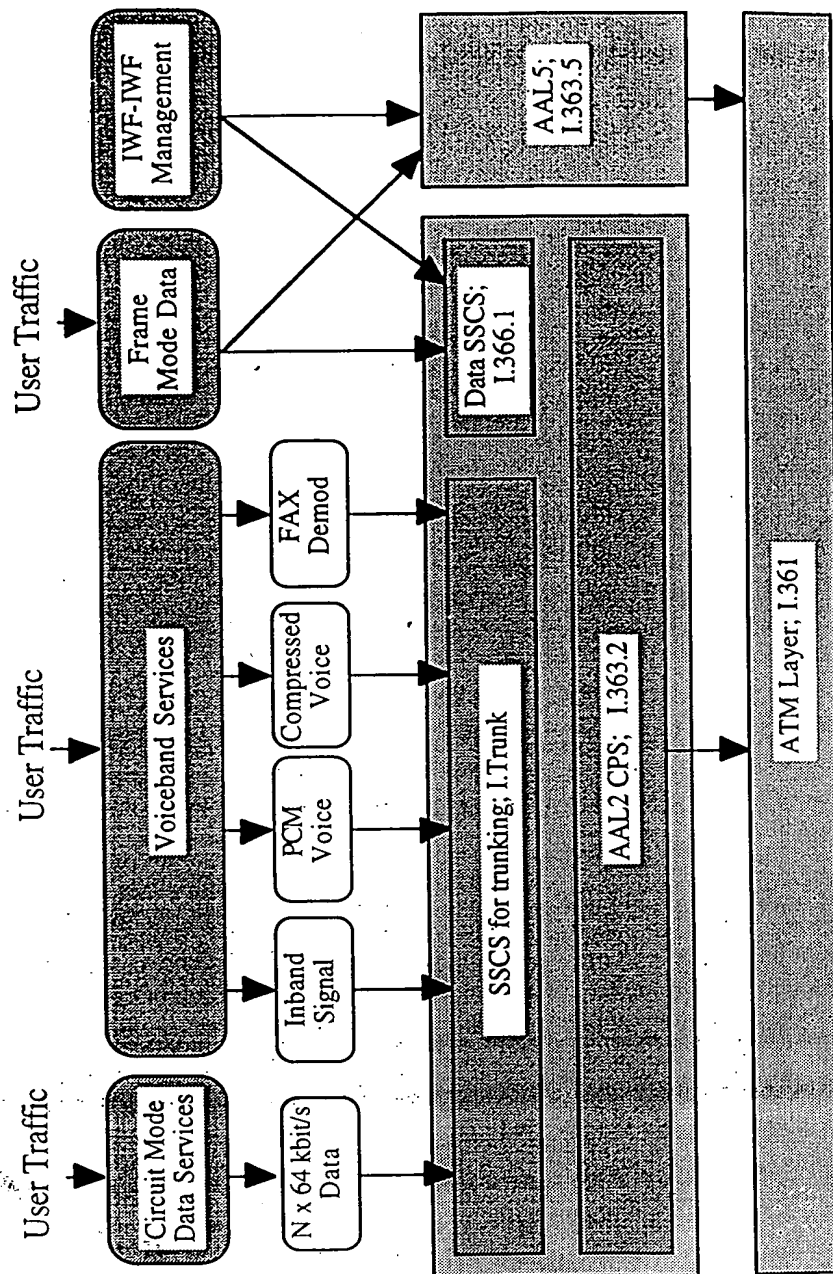


FIG. 1

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FIG. 2



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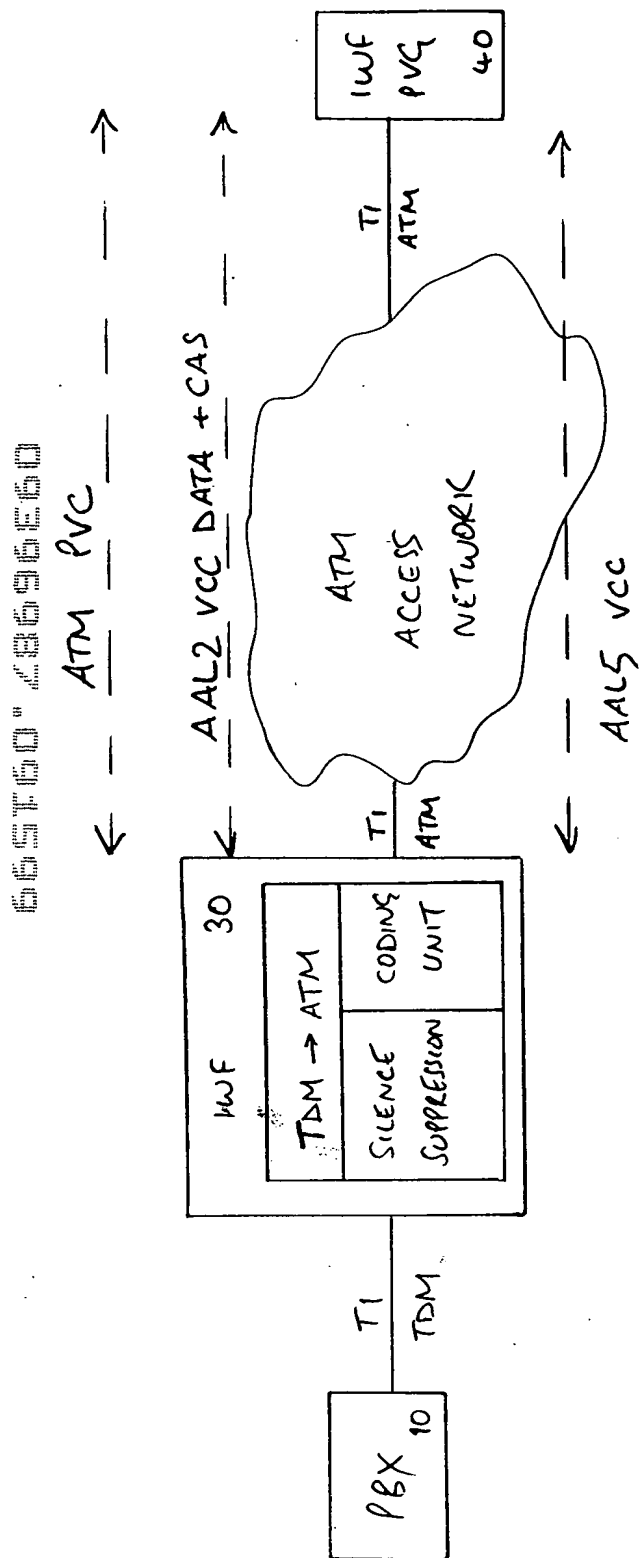


FIG. 3

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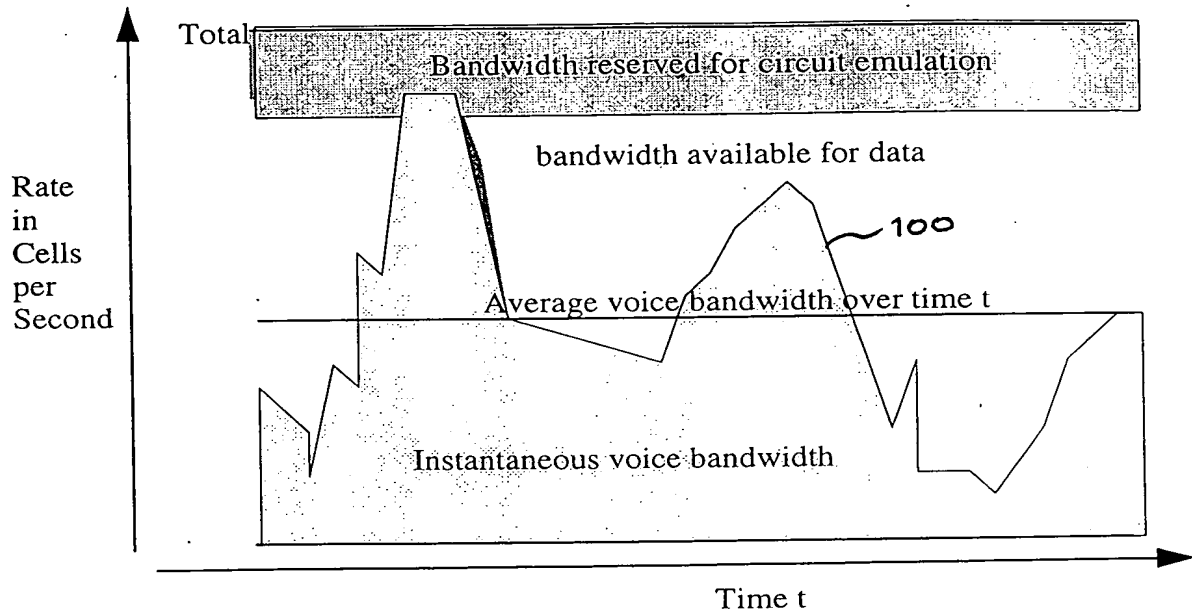


FIG. 4

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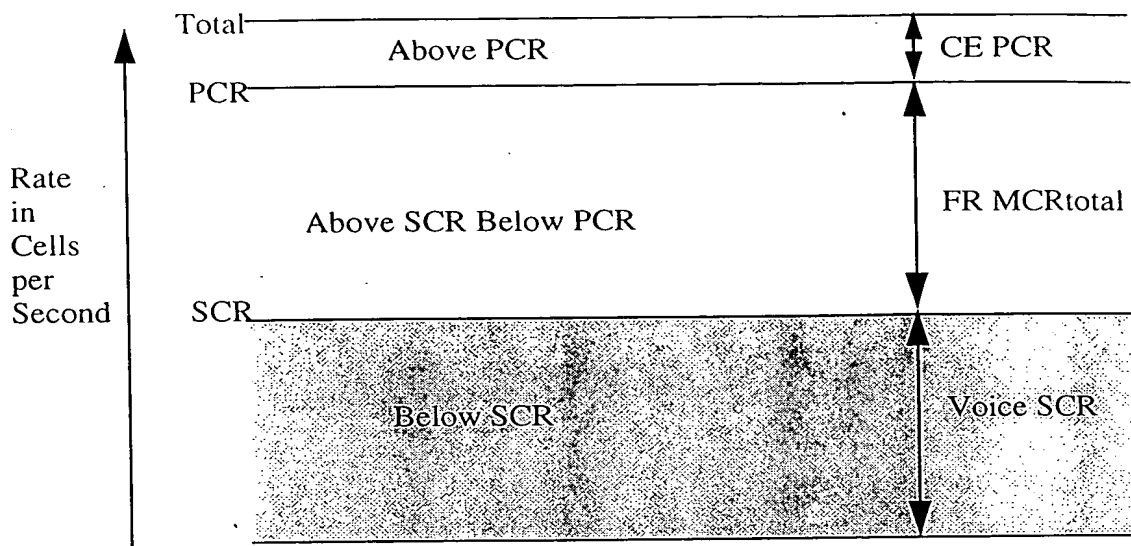


FIG. 5

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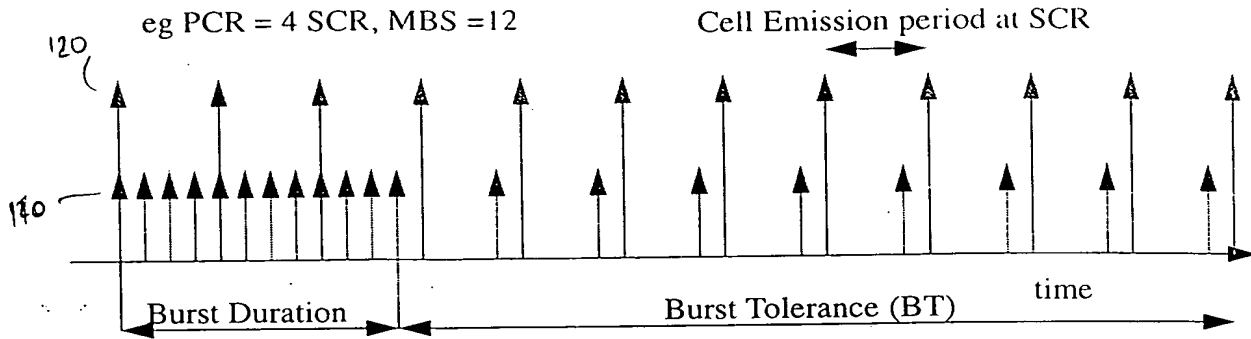


FIG. 6

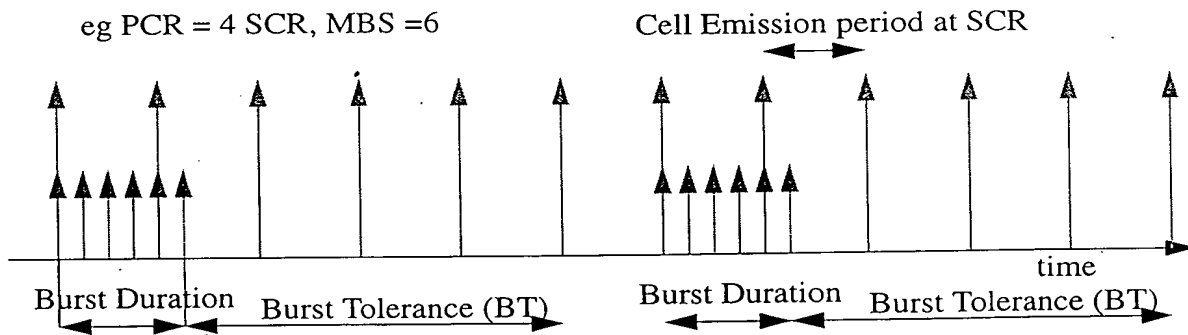
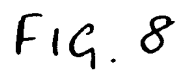


FIG. 7

09396987-091599



Cell Emission period at SCR



SECRET

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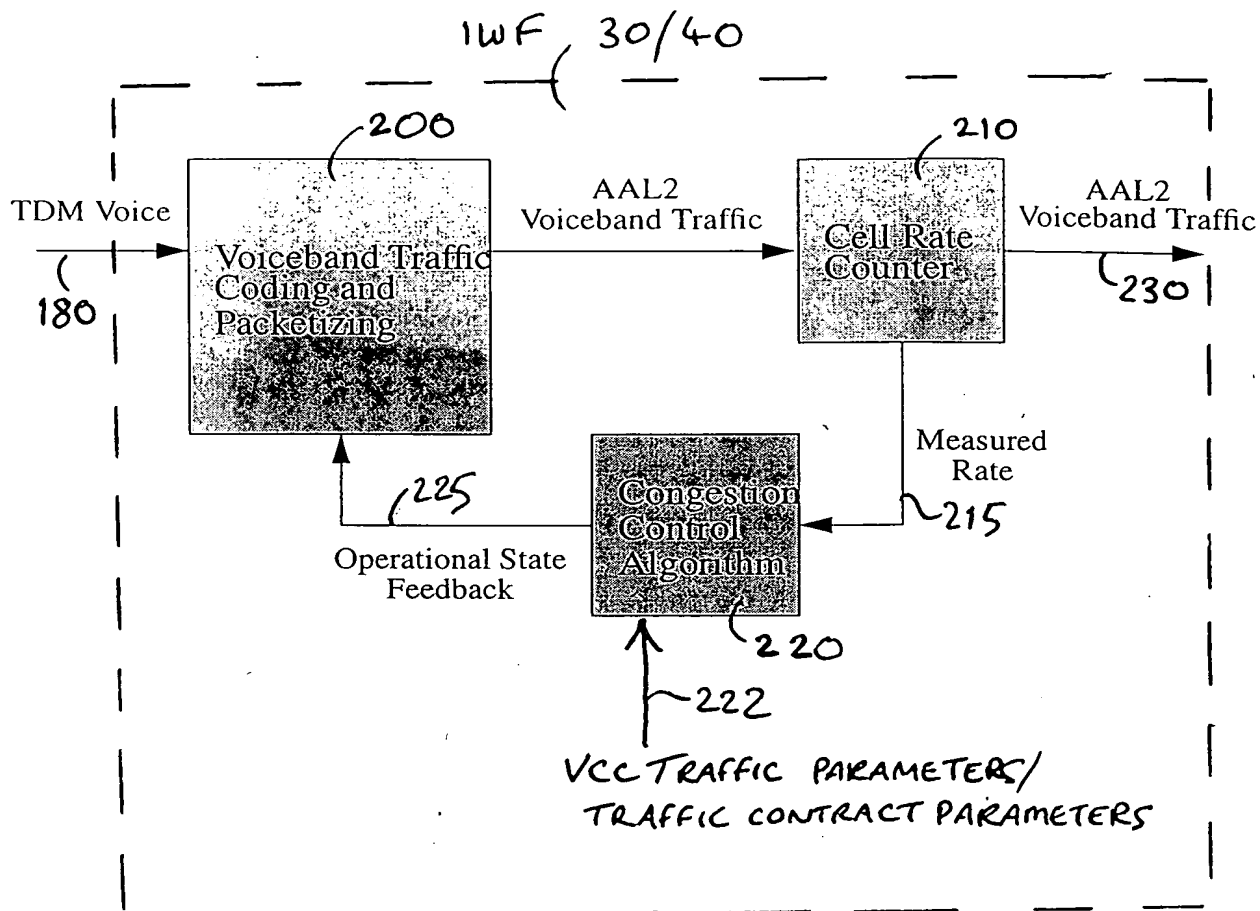


FIG. 9

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PCR

SCR

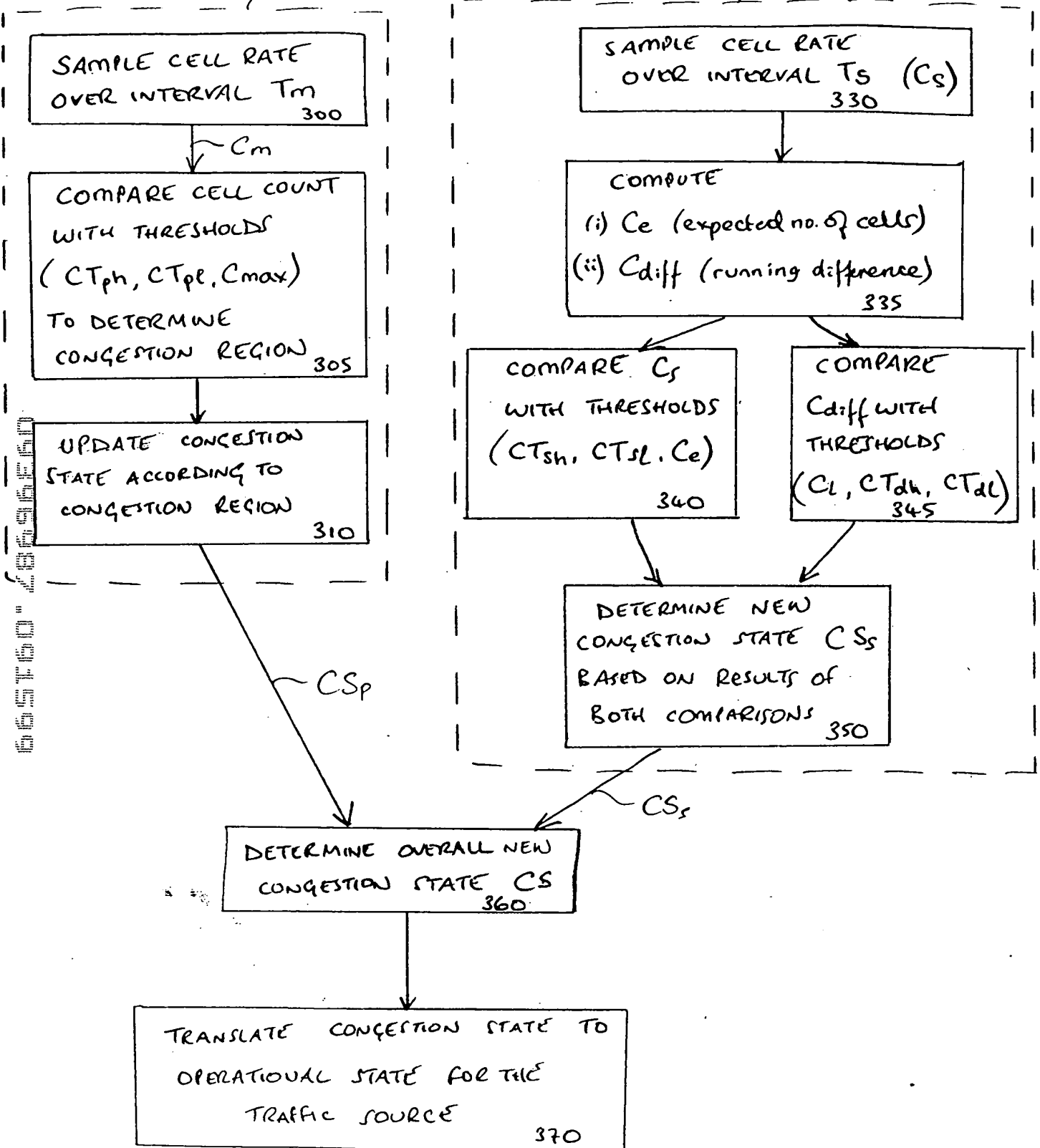
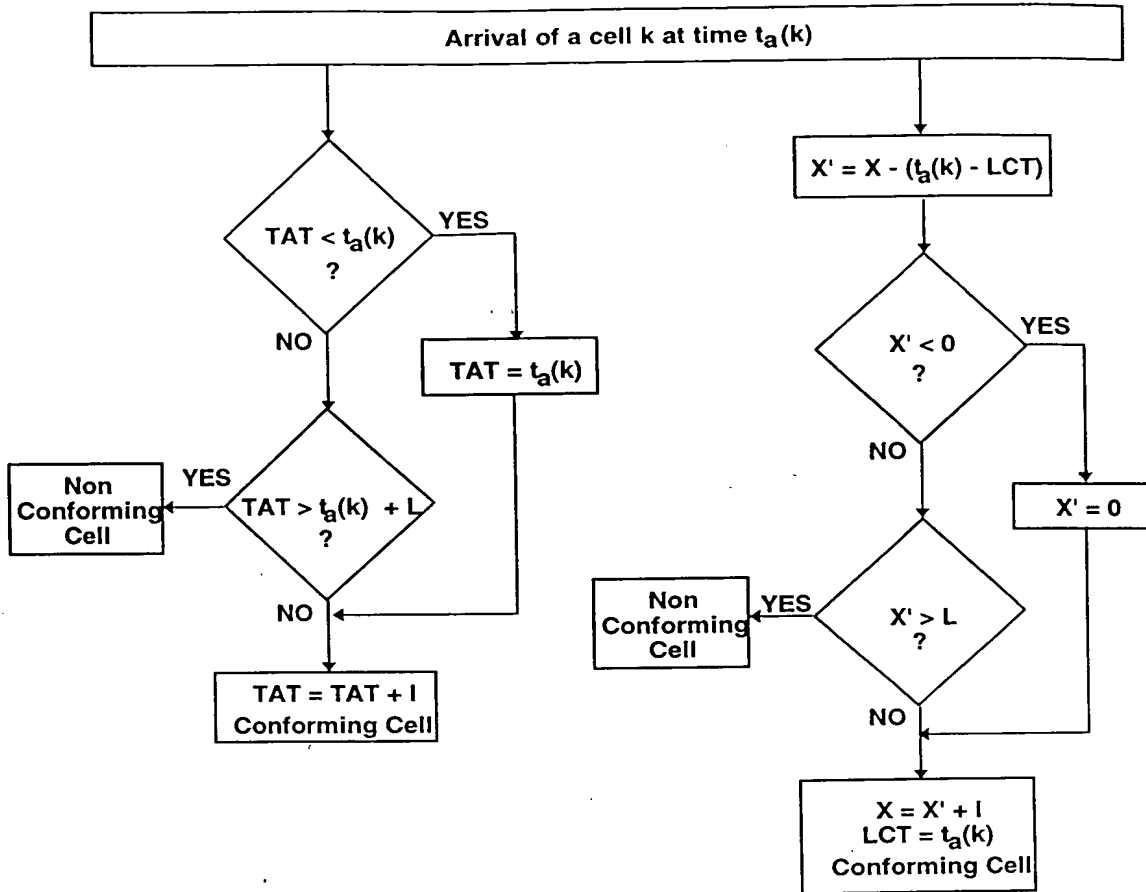


FIG. 10

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VIRTUAL SCHEDULING ALGORITHM

TAT Theoretical Arrival Time
 $t_a(k)$ Time of arrival of a cell

I Increment
 L Limit

At the time of arrival t_a of the first cell of the connection, $TAT = t_a(1)$

CONTINUOUS-STATE LEAKY BUCKET ALGORITHM

X Value of the Leaky Bucket counter
 X' auxiliary variable
 LCT Last Compliance Time

At the time of arrival t_a of the first cell of the connection, $X = 0$ and $LCT = t_a(1)$

FIG. 11
 (PRIOR ART)

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PCR congestion regions

0939987-09599

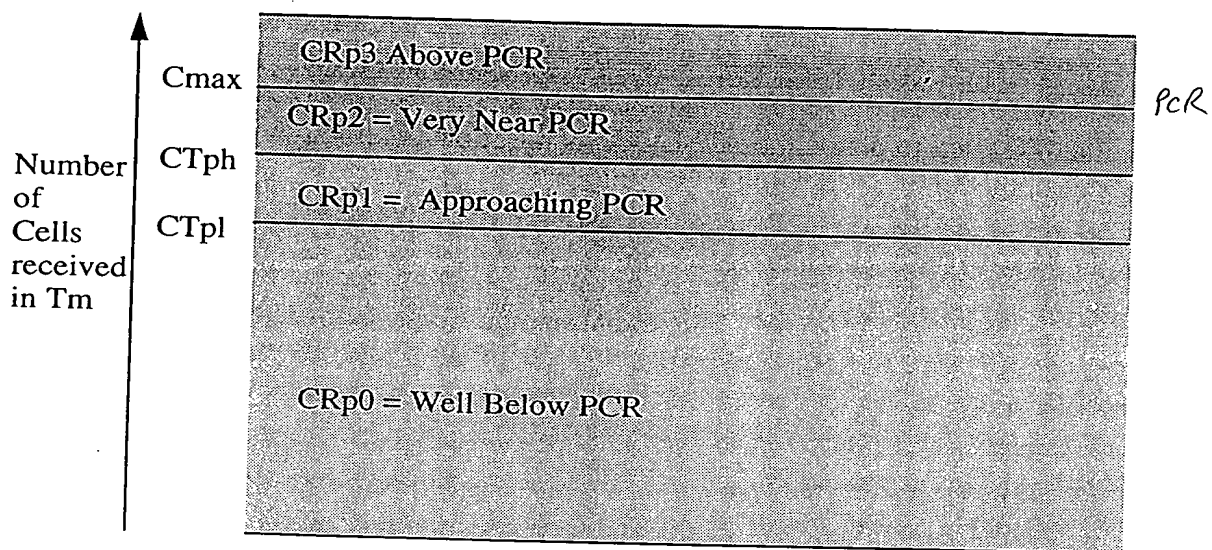


FIG. 12

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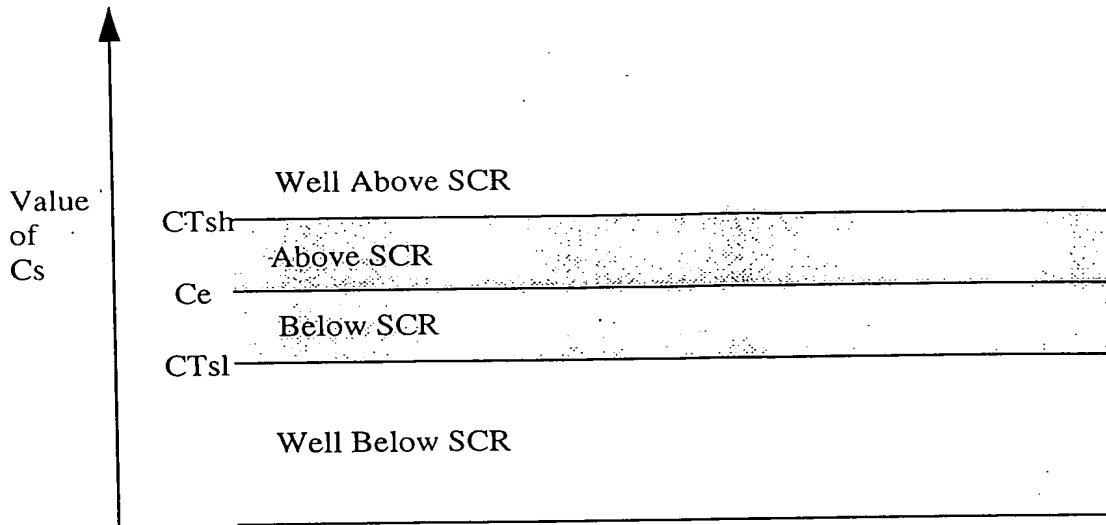


FIG. 13

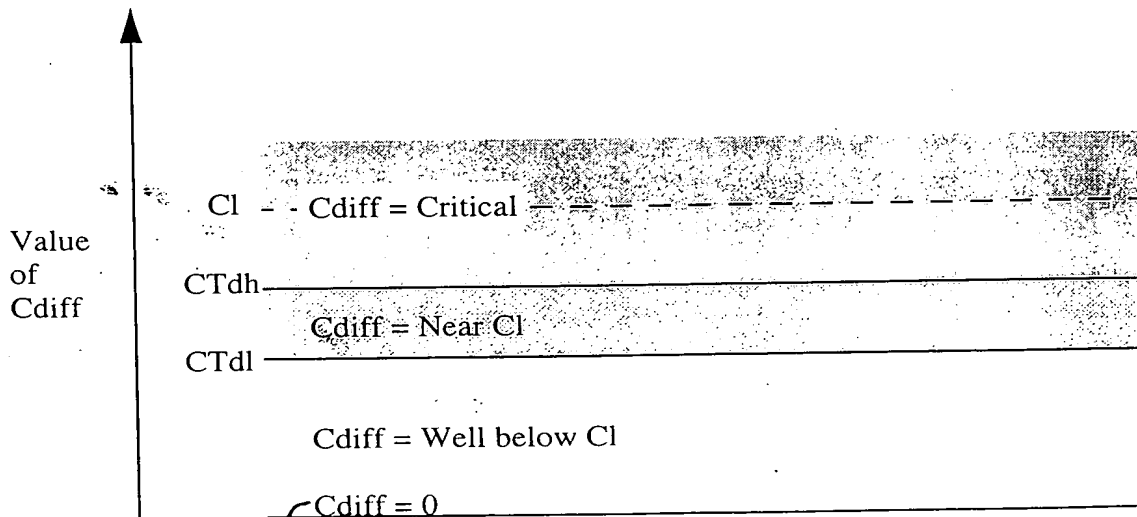


FIG. 14

09396987.091599